

Analysis of 17724 (399 aa)

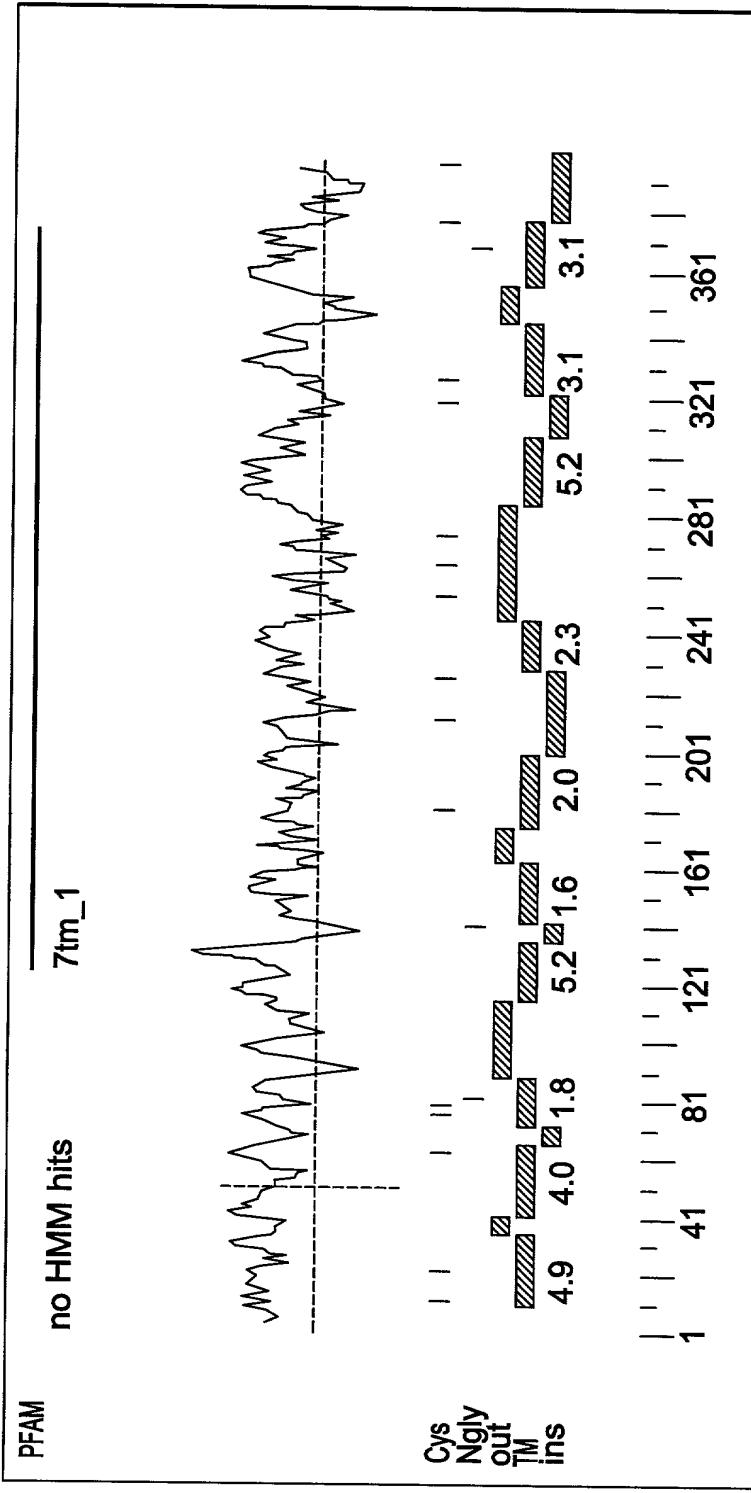


FIG. 1.

#5

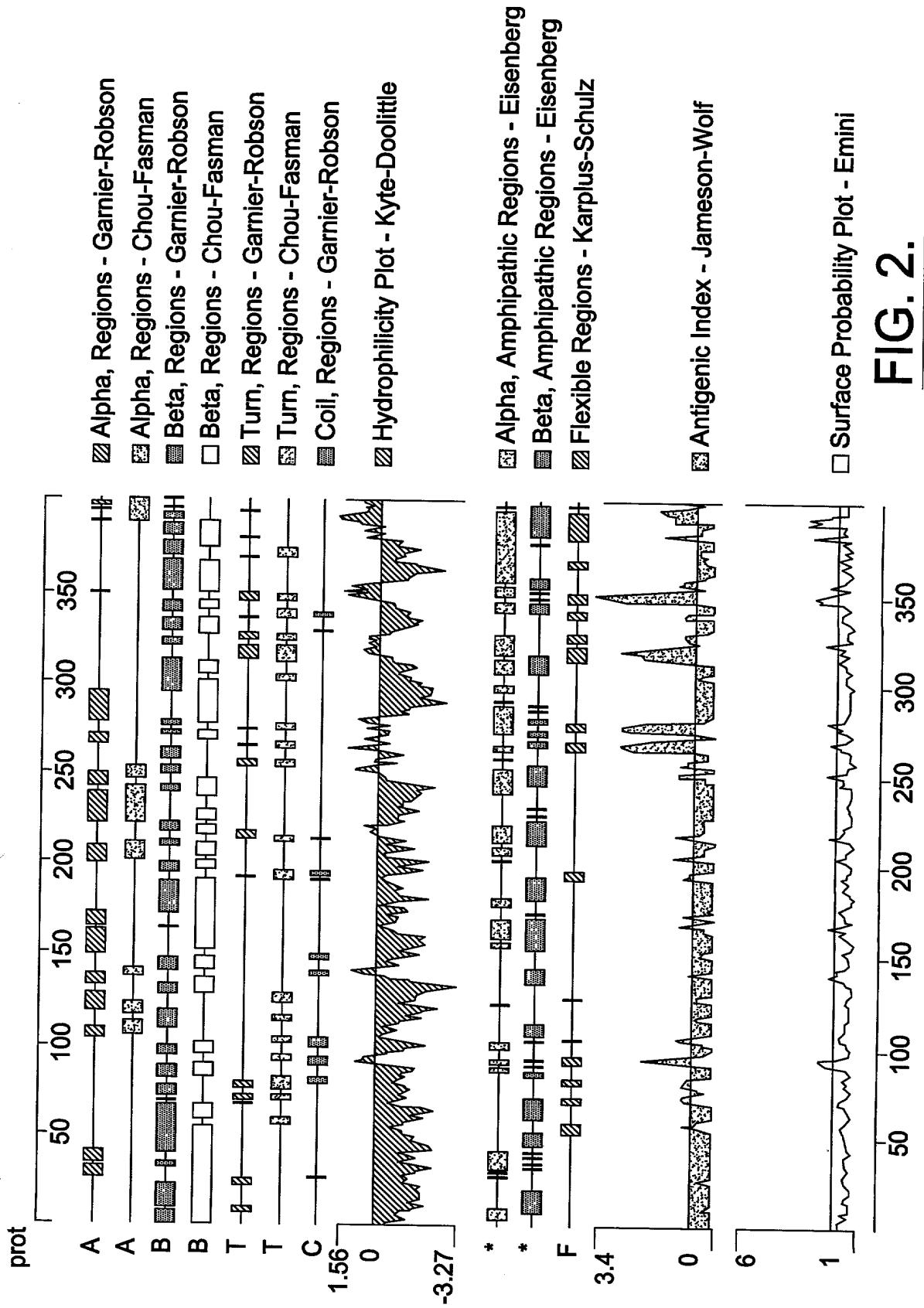


FIG. 2.

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Query: 17724

Scores for sequence family classification (score includes all domains):

Model	Description	Score	E-value	N
7tm_1	7 transmembrane receptor (rhodopsin family)	94.1	6.1e-29	1

Parsed for domains:

Model	Domain	seq-f	seq-t	hmm-f	hmm-t	score	E-value
7tm_1	1/1	125	374	..	1 259 ()	94.1	6.1e-29

Alignments of top-scoring domains:

7tm_1	domain 1 of 1, from 125 to 374; score 94.1, E = 6.1e-29	*->GNILVilvirltkklrtptnifi(NLAVALLLflllppwallyylvg GN++i++ ++ +l+tp+++f++N++ +L++ t+tp +l+ l+ 17724 125 GNTIIIVMVIADTHLHTPMYFFLGNSLLEILVTMTAVPRMLSDLVV 171 gsedWpfGsaICkvtaIdvvnmyaS LtaISiDRYIAvhPlyryrrr +++ +C++ ++ + +S L t +++DR++AI+hPlyry ++ 17724 172 --PHKVITFTGCMVQFYFHFSLGSTSFLILTDMALDRFVAICHPLRYGTL 219 rtsprrAkvvilllvWvlallls(PpllfswvktveegngtlnvnytvCl ++ + ++ + +++W++ +l+ +P + +s ++ +g+ +n+++C+ 17724 220 MS-RAMCVQLAGAAWAAPFLAMVPT-VLSRAHLDYCHGGV--INHFFCDN 265 dfpeestasvstwlrsvvllstlvglPllvivcvYtrIrltrr.... + ++s+ ++ + l f +lv l Y+ I+ t+ + ++ 17724 266 EPPLLQLSCSDTRLLEFWDFLMALTFVLSSFLVTLISYGYIVTTVLripsa 315 ...kaaktllvvvvvFvICWI PyfivllldtIc lsimsstCelervlp ++ + at ++ +++ v+ + i+l++++ + s ++ 17724 316 sscQKAFSTCGSHLTIVFIGYSSTIFLYVRPGKaHS-----VQ 353 talIvtlwLayvNsclNPiIY<-* + v+l+ +++ + (NP+I 17724 354 VRKVVALVTSVLTPFLNPFL 374
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FIG. 3.

Issue: NOVEL STEVEN-TRANSMEMBRANE PROTEIN/G-PROTEIN
 COUPLED RECEPTORS
 Inventor(s): Ghucksmann et al.
 Application No: 09/787,880
 Arty Dkt No: 35800/208932 (5800-206)

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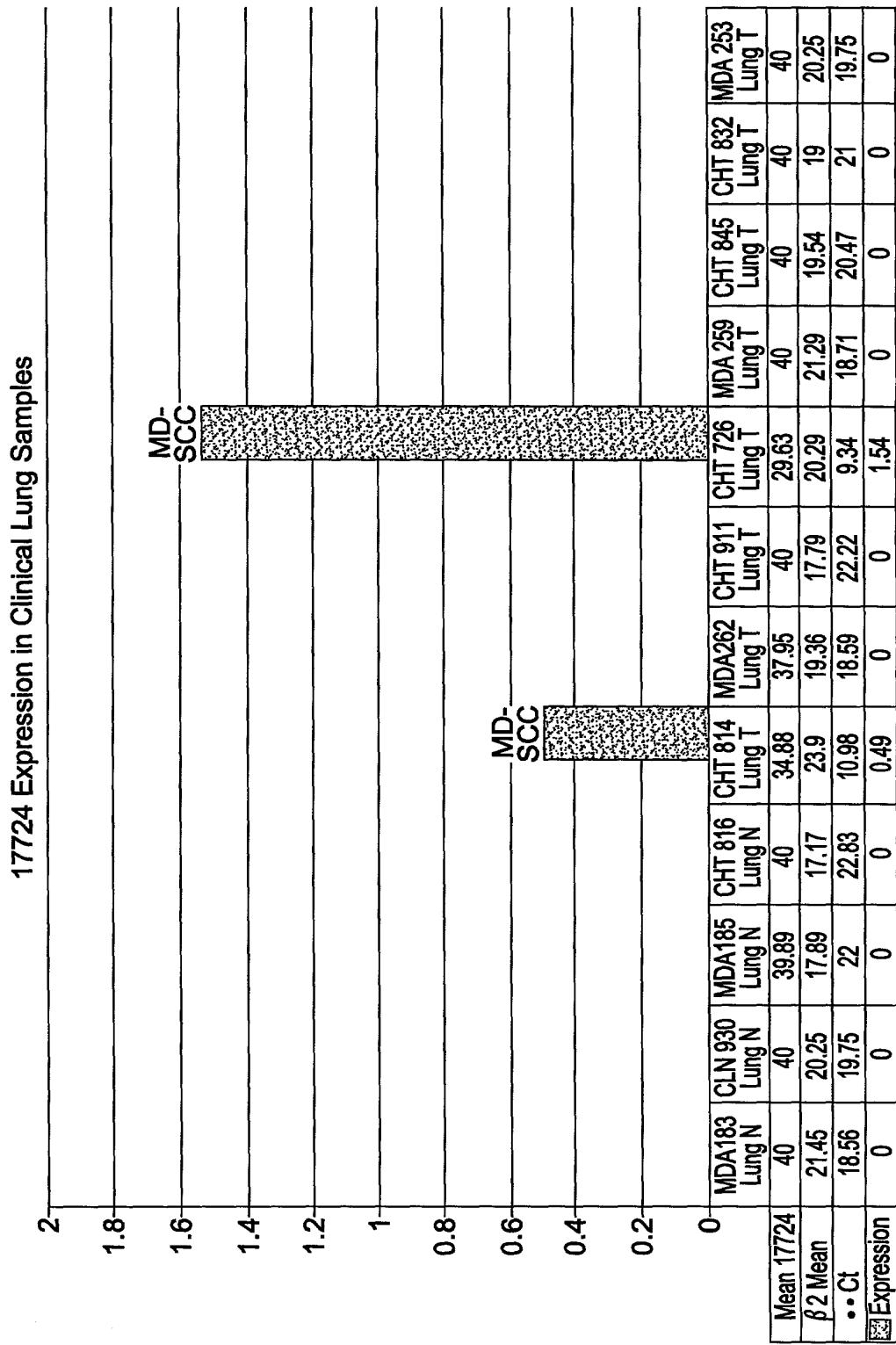


FIG. 4.

17724 Expression in Clinical Angiogenic Samples

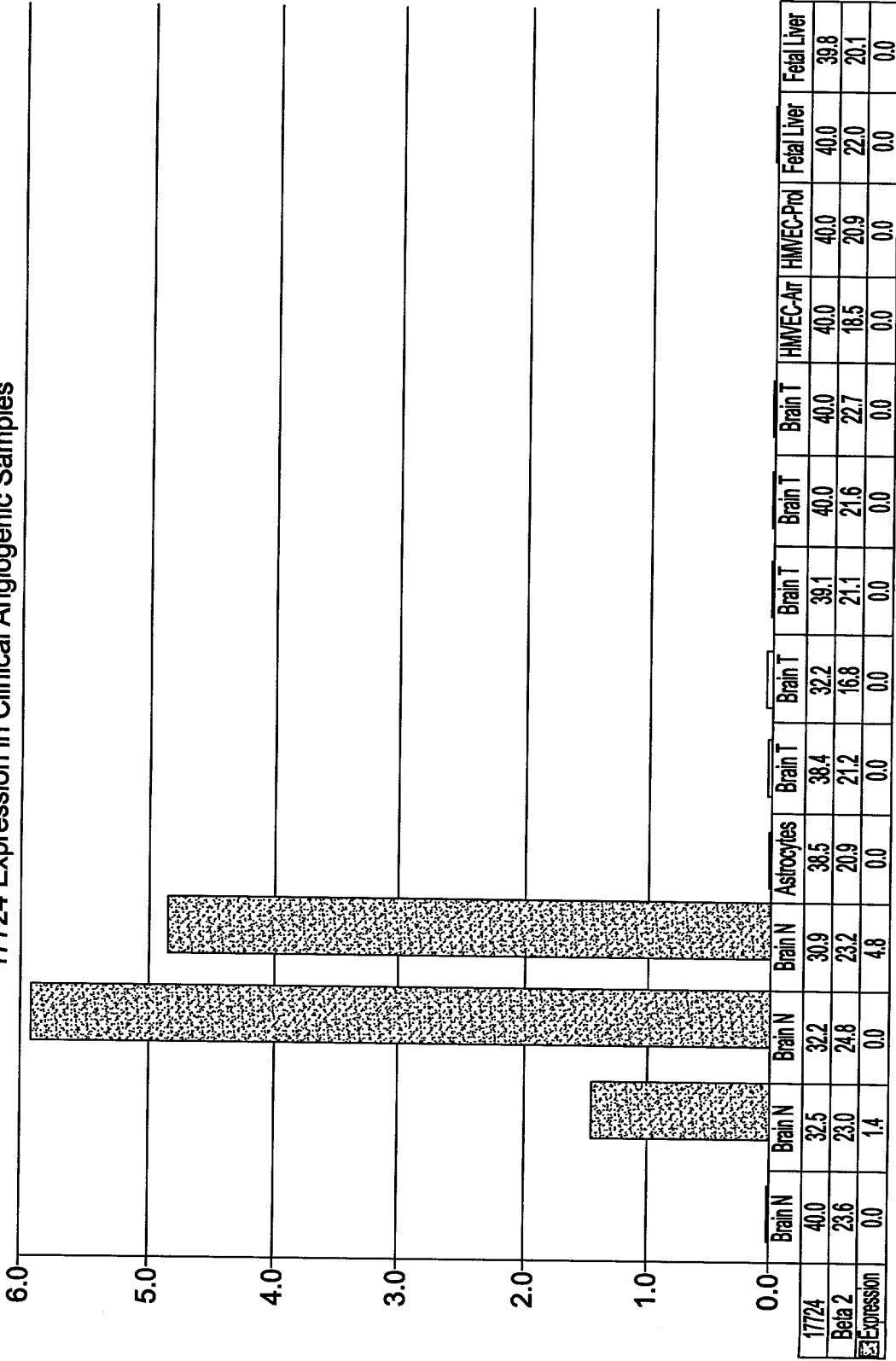
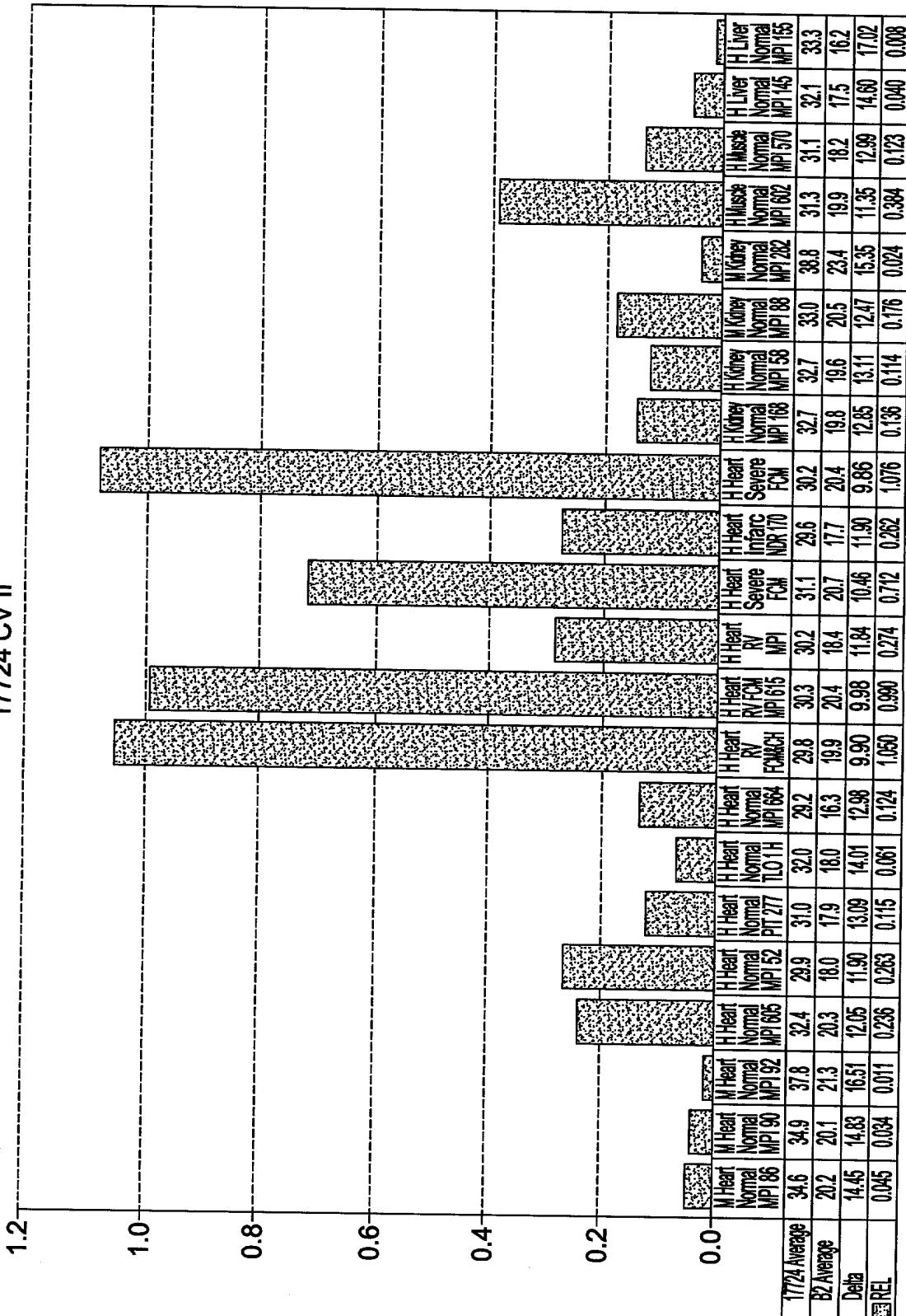


FIG. 5.

COUPLED RECEPTORS
Inventor(s): Glucksmann et al.

Application No: 09781880
Atty Dkt No: 35800/208932 [5800-206] T m C G G T G G G

17724 CV II



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FIG. 6.

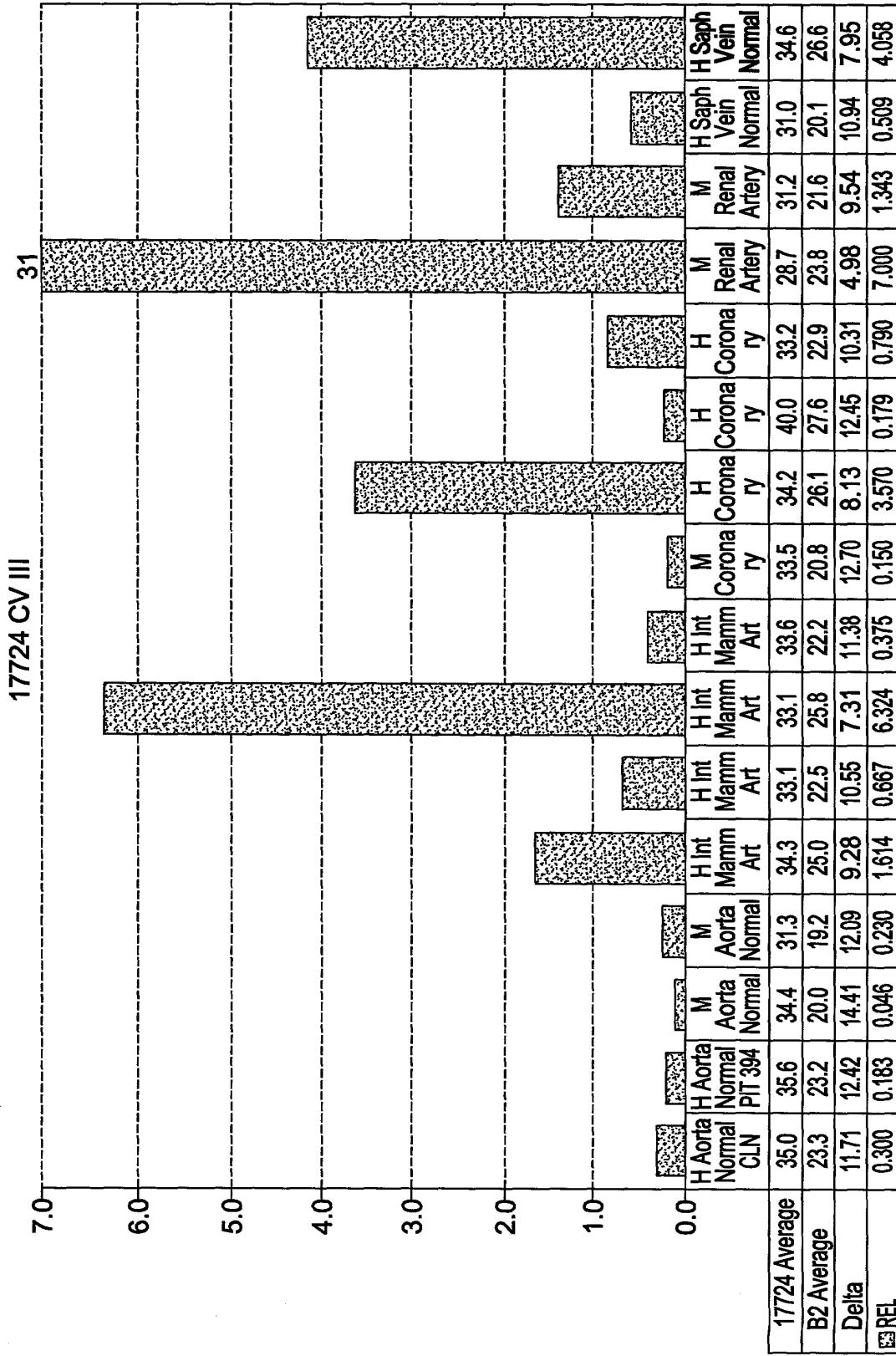
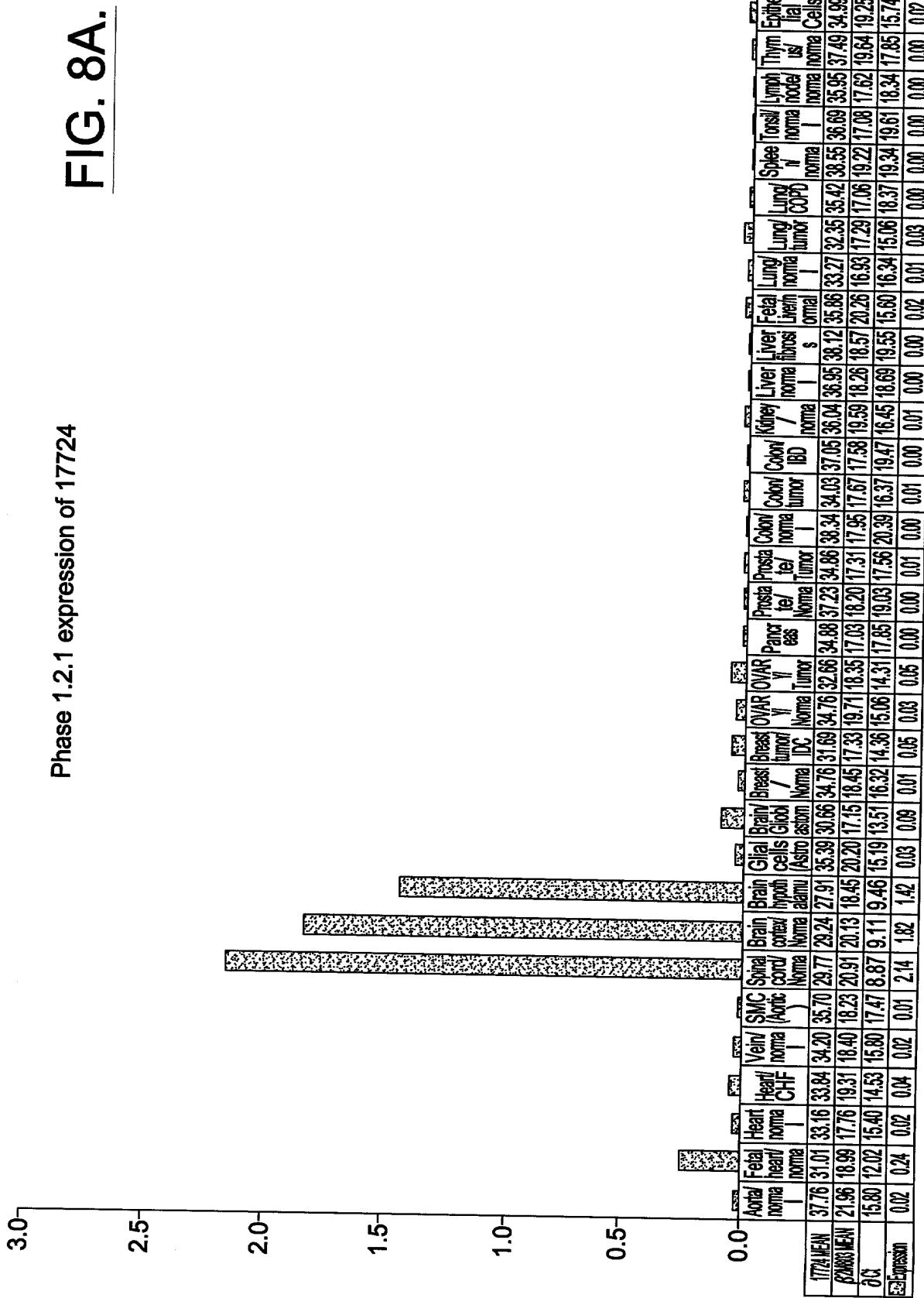


FIG. 7.

Application No. 09/781,880; filed Jan. 23, 2001
Atty Dkt No. 35800/208932 (5800-200)



Cell Type	Endo			Skin			Adipo			Osteo			Osteo			Osteo			Aorta			HUVE			HMEC		
	Skeletal	Fibro	Adipo	Se	Osteo	basis	Osteo	SMC	Osteo	SMC	Osteo	SMC	Osteo	SMC	Osteo	SMC											
Endo	32.51	39.05	35.60	33.79	39.16	38.03	37.98	36.40	35.06	37.28	37.58	36.20	36.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06		
endoelial Cells	40.00	32.51	39.05	35.60	33.79	39.16	38.03	37.98	36.40	35.06	37.28	37.58	36.20	36.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06	35.06		
Muscl	20.06	18.28	17.75	20.32	17.85	19.57	18.07	17.44	16.75	18.11	20.12	19.74	19.04	19.34	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74	18.74		
Cells	19.94	14.24	21.30	15.29	17.95	19.50	19.97	19.64	19.66	16.95	17.16	17.84	20.16	19.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00		
endoelial Cells	0.00	0.05	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

FROM FIG. 8A.

FIG. 8B.

Title: NOVEL SEVEN-TRANSMEMBRANE PROTEIN/G-PROTEIN
COUPLED RECEPTORS
Inventor(s): Glucksmann et al.
Application No: 09/751,380
Att'y Dkt No: 35800/208932 (5800-206)

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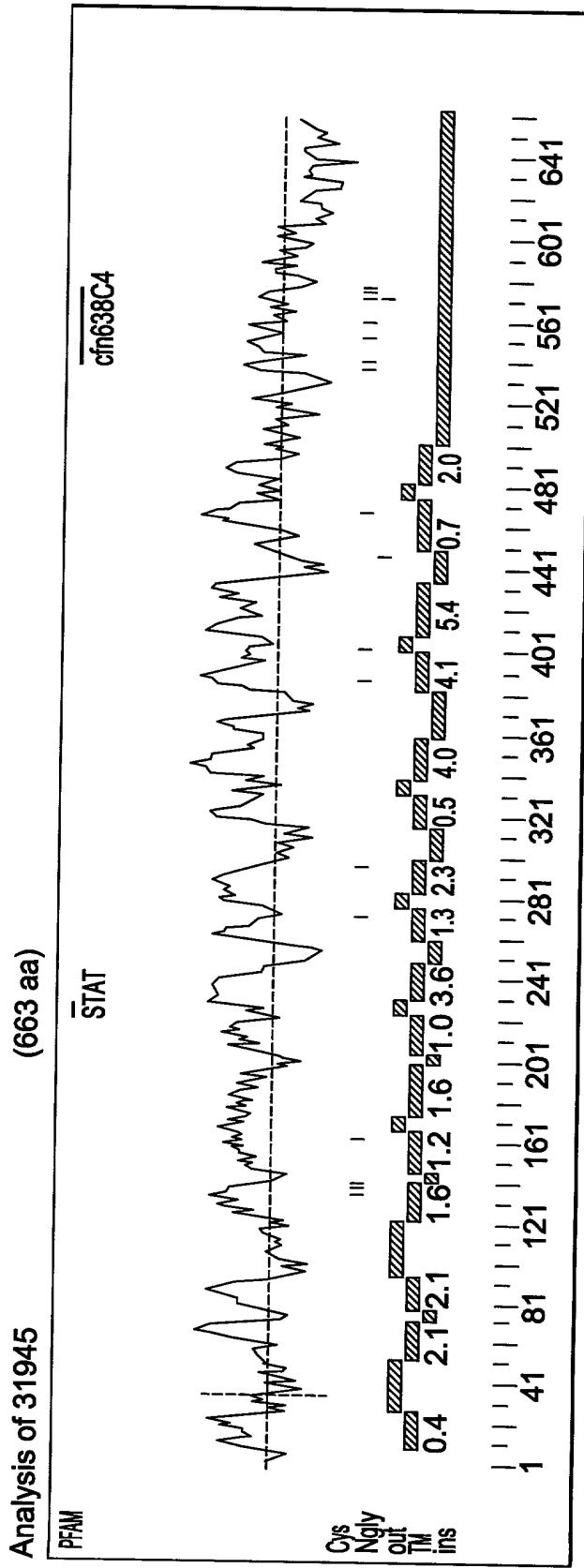


FIG. 9.

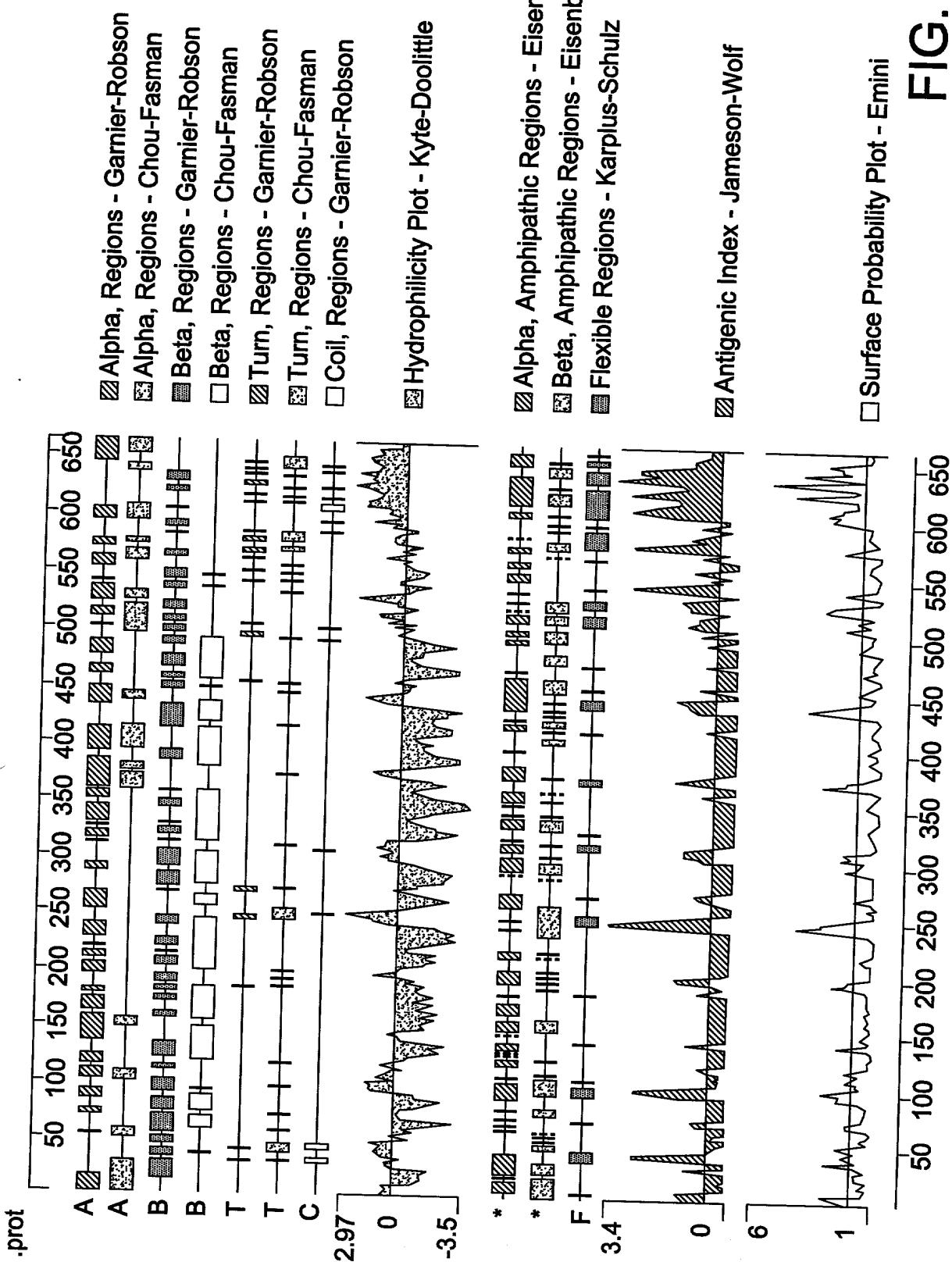


FIG. 10.

TO FIG. 11B.

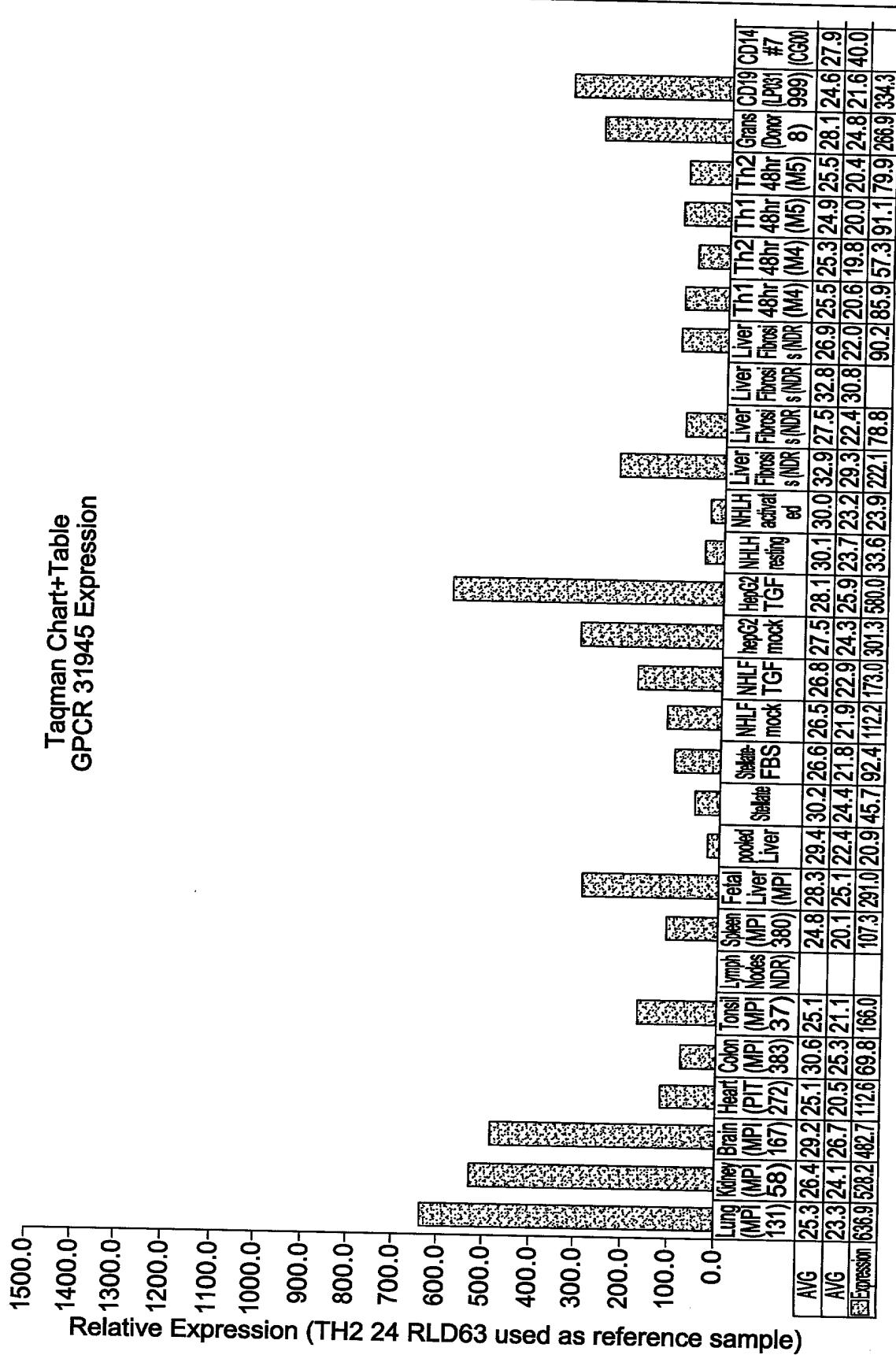
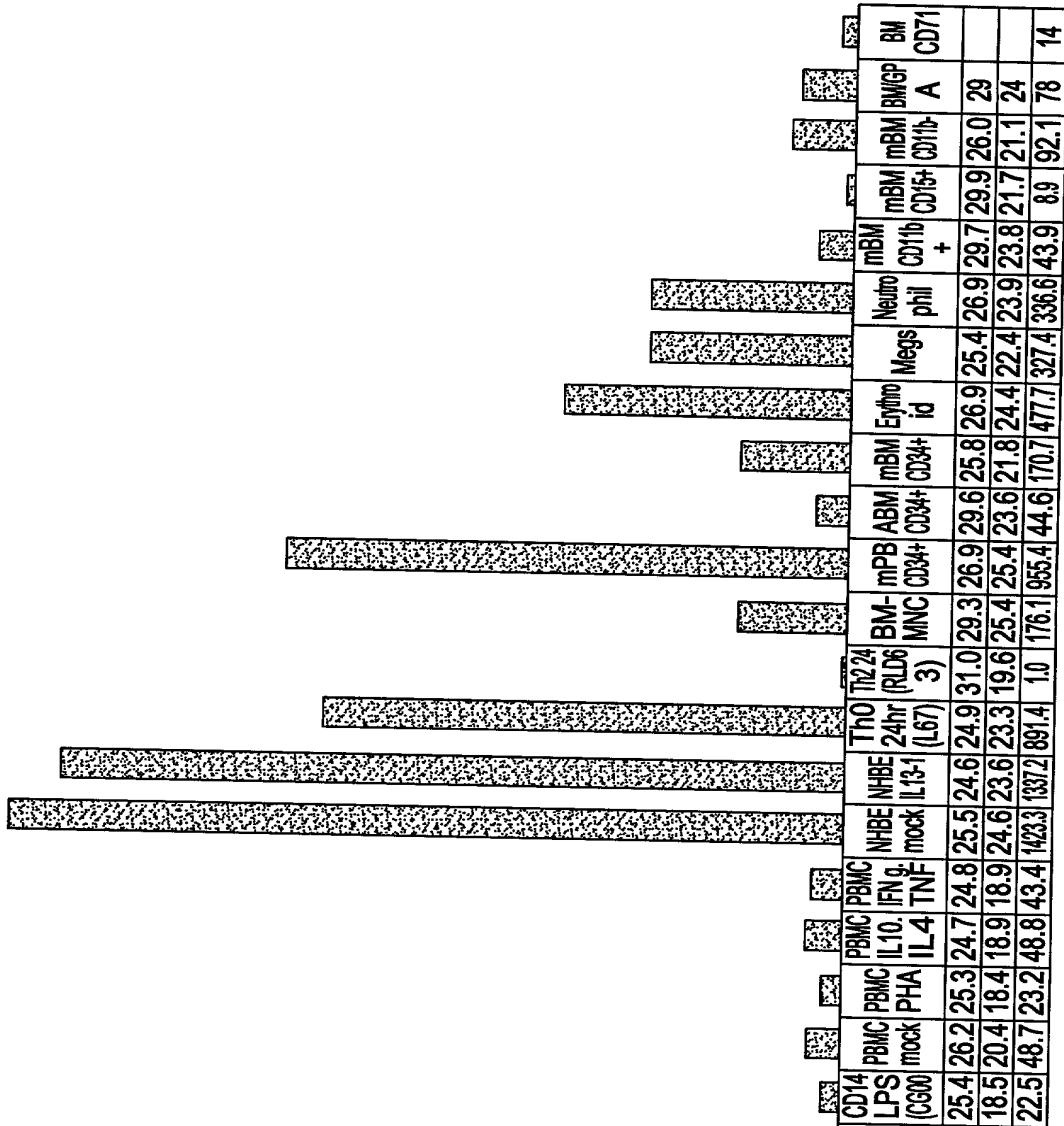


FIG. 11A.



FROM FIG. 11A.

FIG. 11B.

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Analysis of 50288 (372 aa)

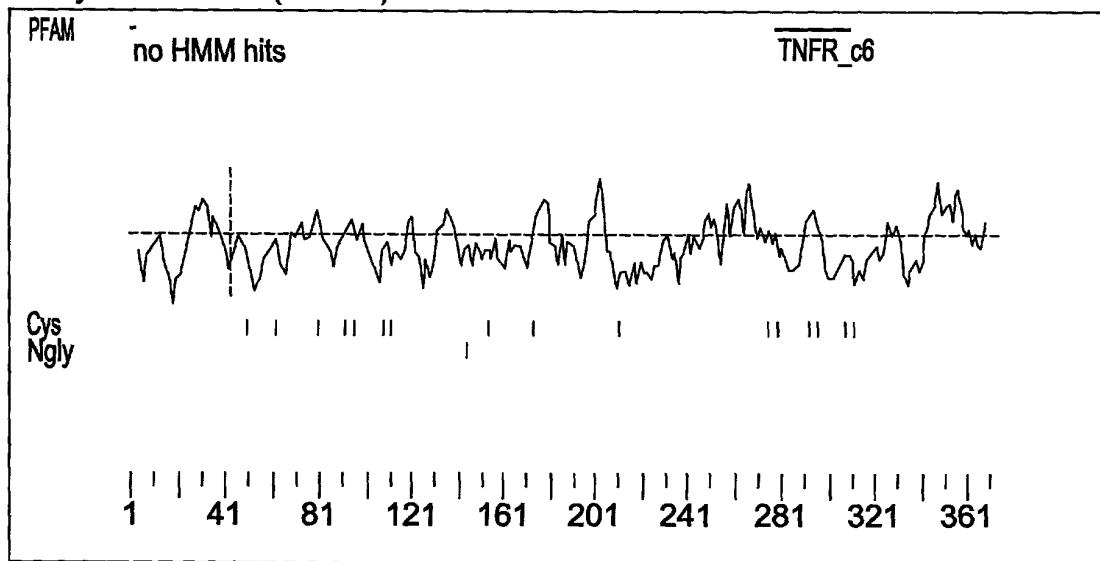
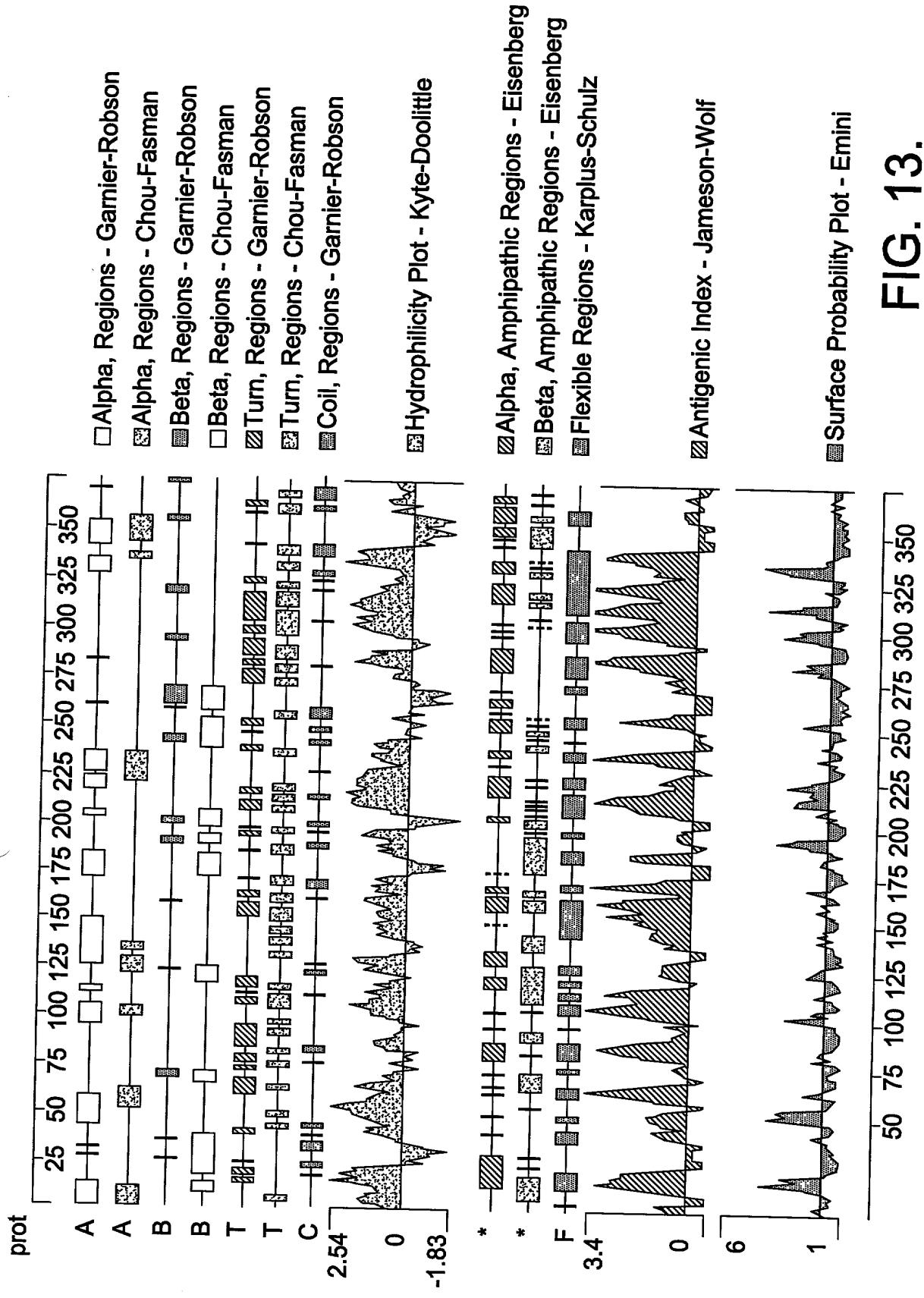


FIG. 12.

IN THE FIELD OF MEMBRANE PROTEIN/G-PROTEIN COUPLED RECEPTORS



TO FIG. 14B.

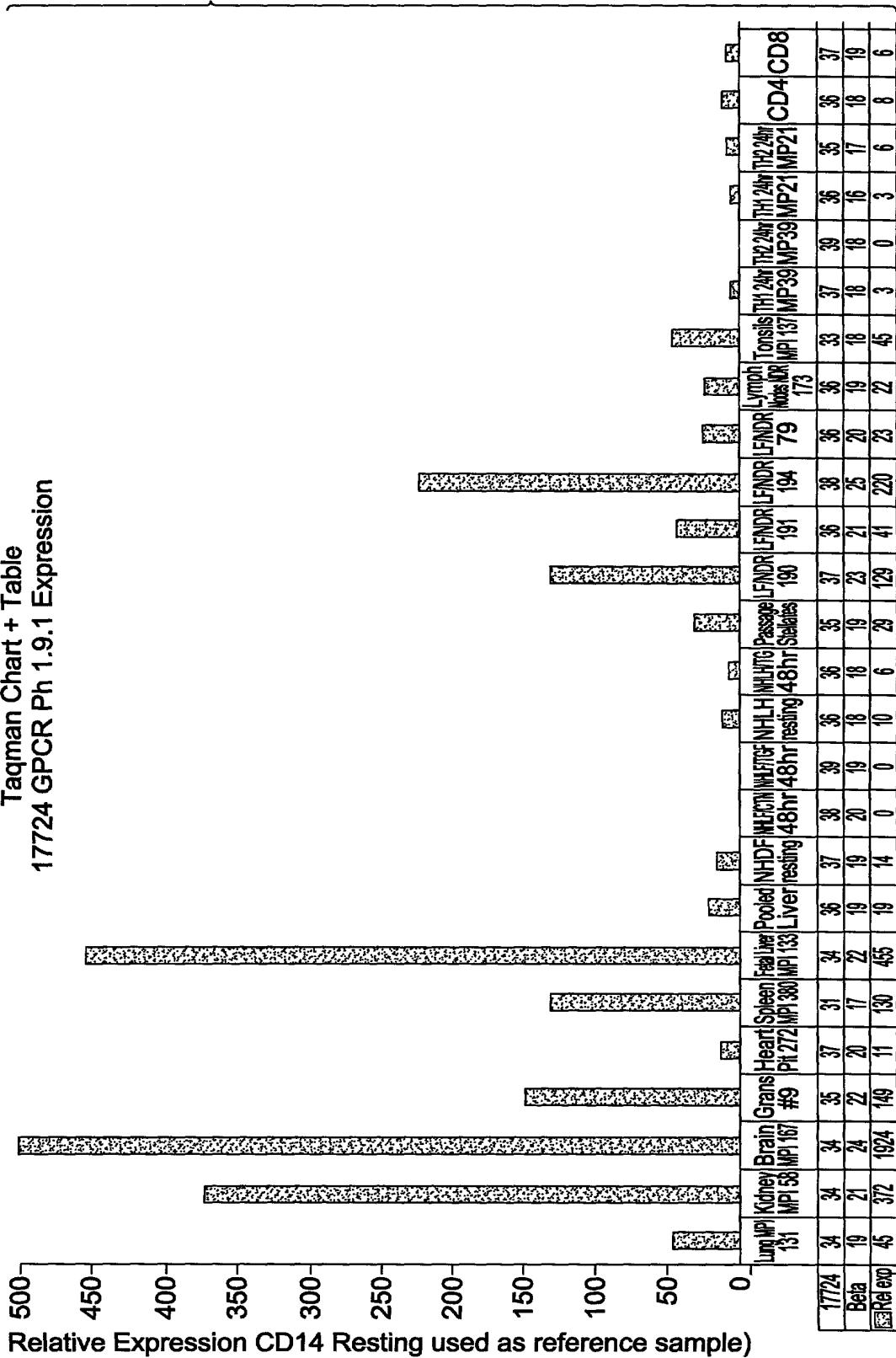
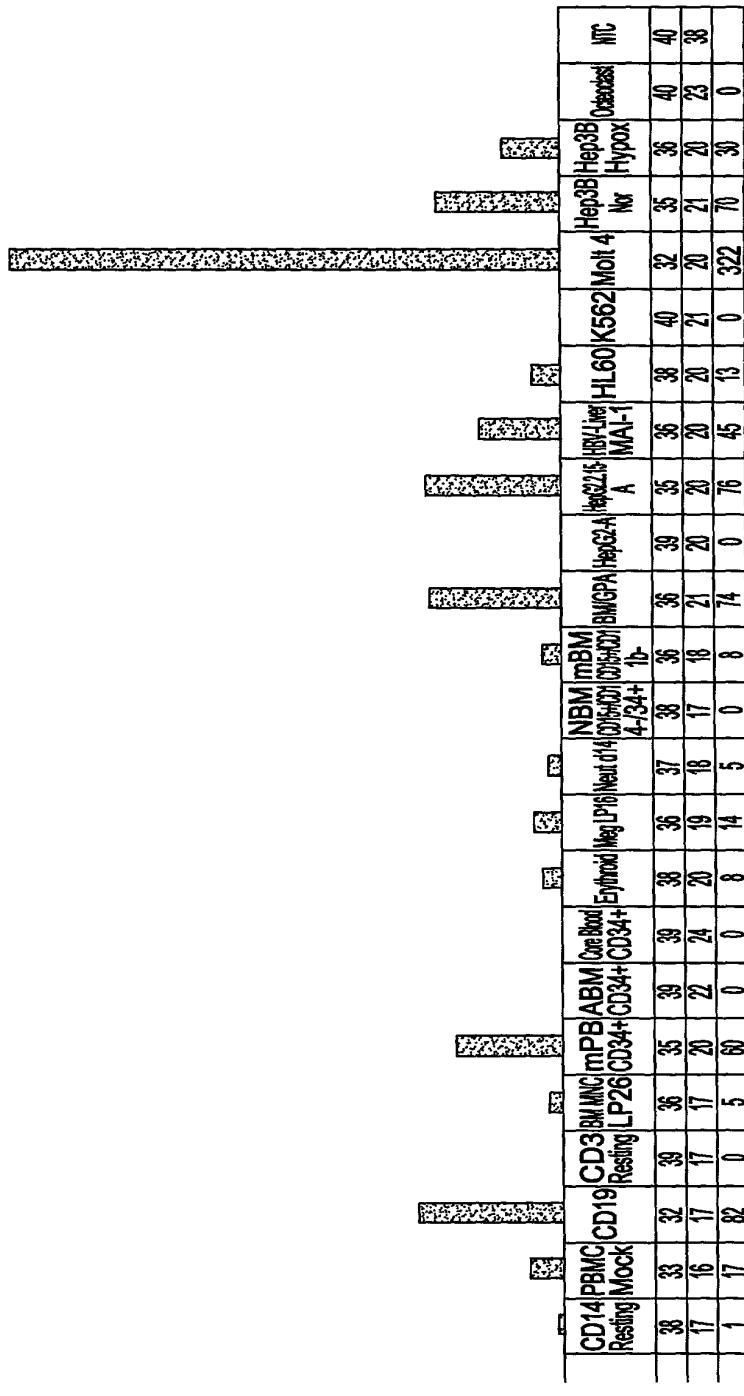


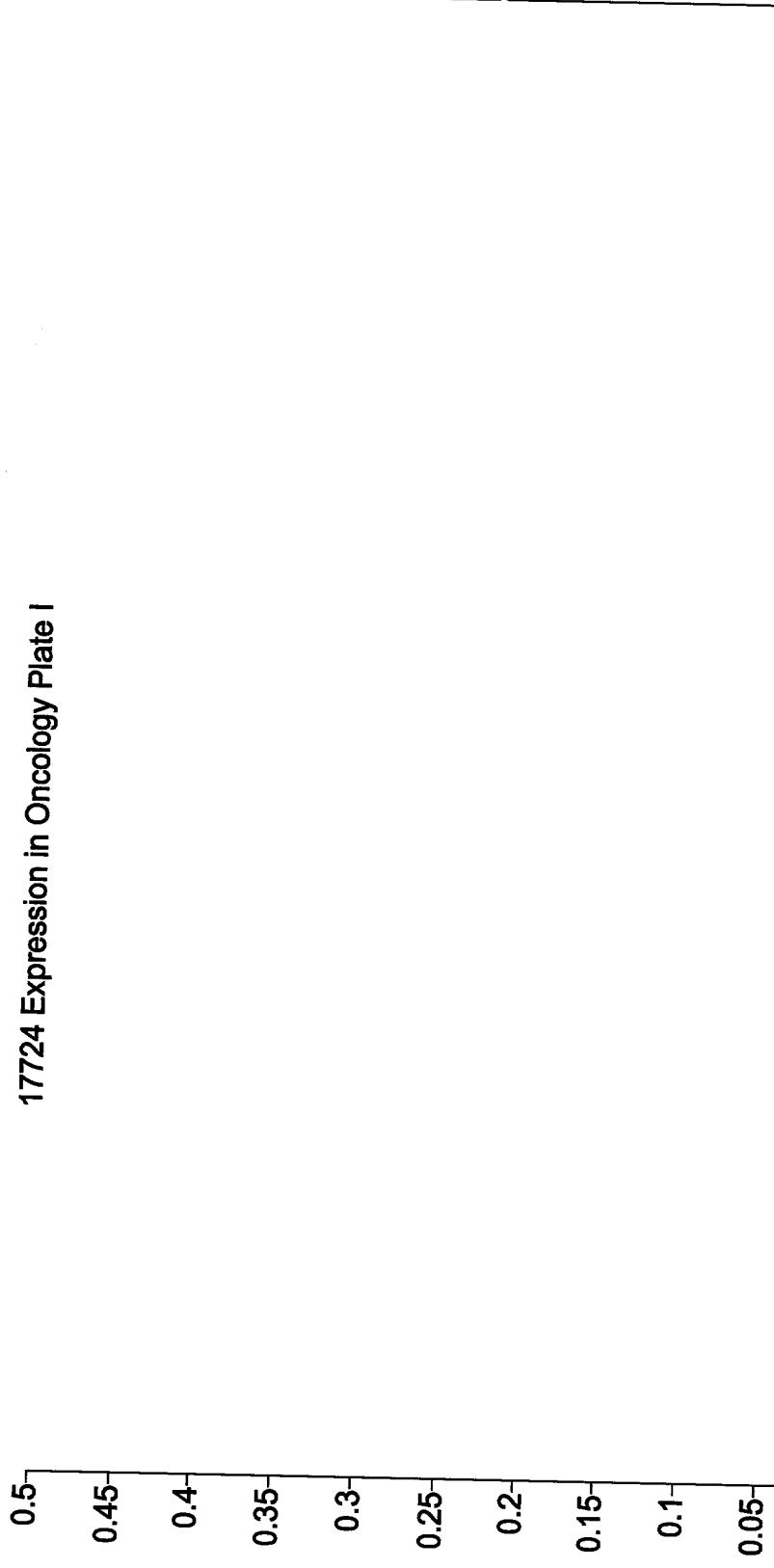
FIG. 14A.

FIG. 14B.



FROM FIG. 14A.

17724 Expression in Oncology Plate I

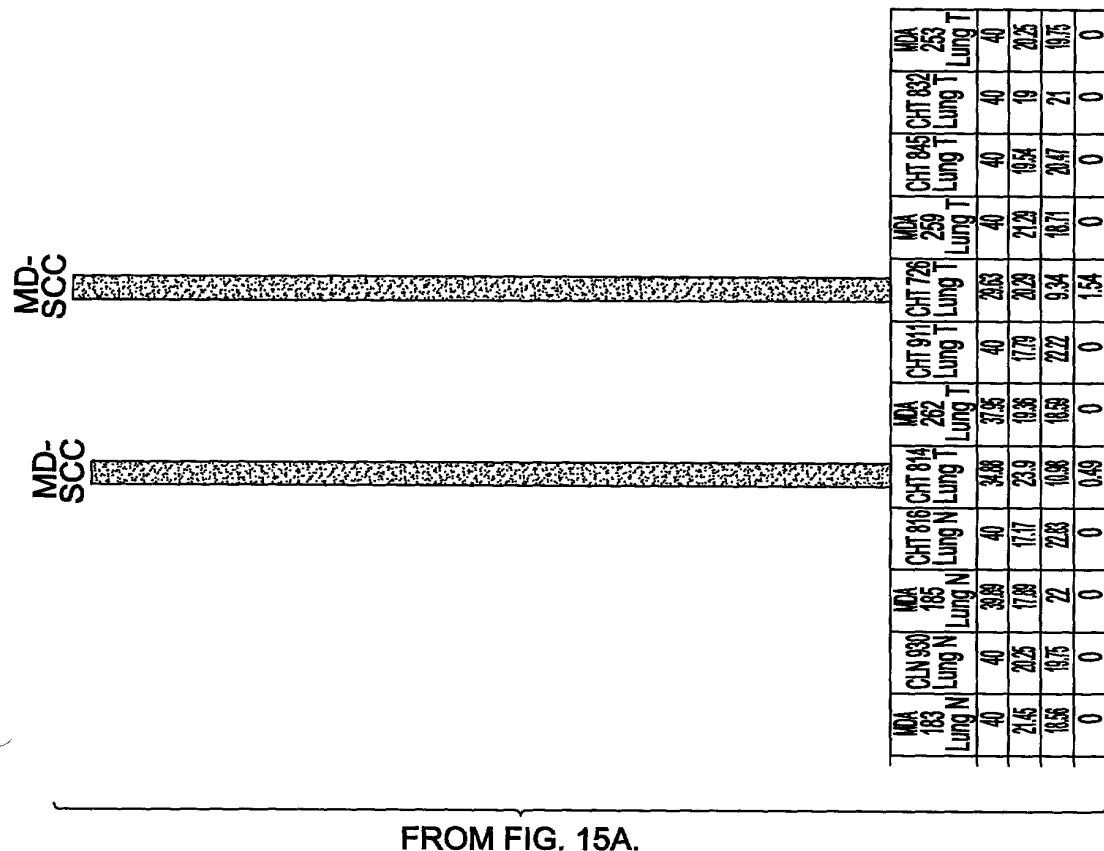


TO FIG. 15B.

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	NDR 13	PIT 400	PIT 371	PIT 56	MDA 106	MDA 234	NDR 58	NDR 132	PIT 208	Ovary N	Ovary T	CLN 03	CLN 07	CLN 08	MDA 132	Ovary N	Ovary T	CLN 03	CLN 07	CLN 08	MDA 216	Ovary N	Ovary T	CLN 012	MDA 25
Mean	0.40	0.40	0.40	0.35	0.35	0.40	0.33	0.33	0.40	0.39	0.32	0.31	0.31	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	
Median	0.39	0.39	0.39	0.35	0.35	0.35	0.33	0.33	0.35	0.34	0.32	0.31	0.31	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	
SD	0.11	0.11	0.11	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Range	0.29	0.29	0.29	0.25	0.25	0.25	0.23	0.23	0.25	0.24	0.22	0.21	0.21	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Expression	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIG. 15A.

**FIG. 15B.**

TO FIG. 16B.

17724 CV II and III

FIG. 16A.

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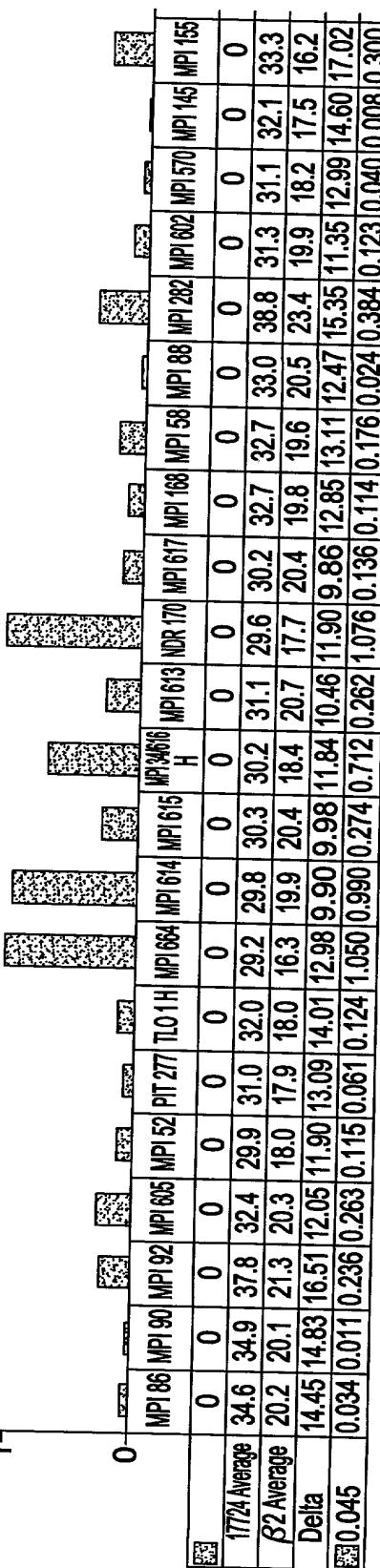
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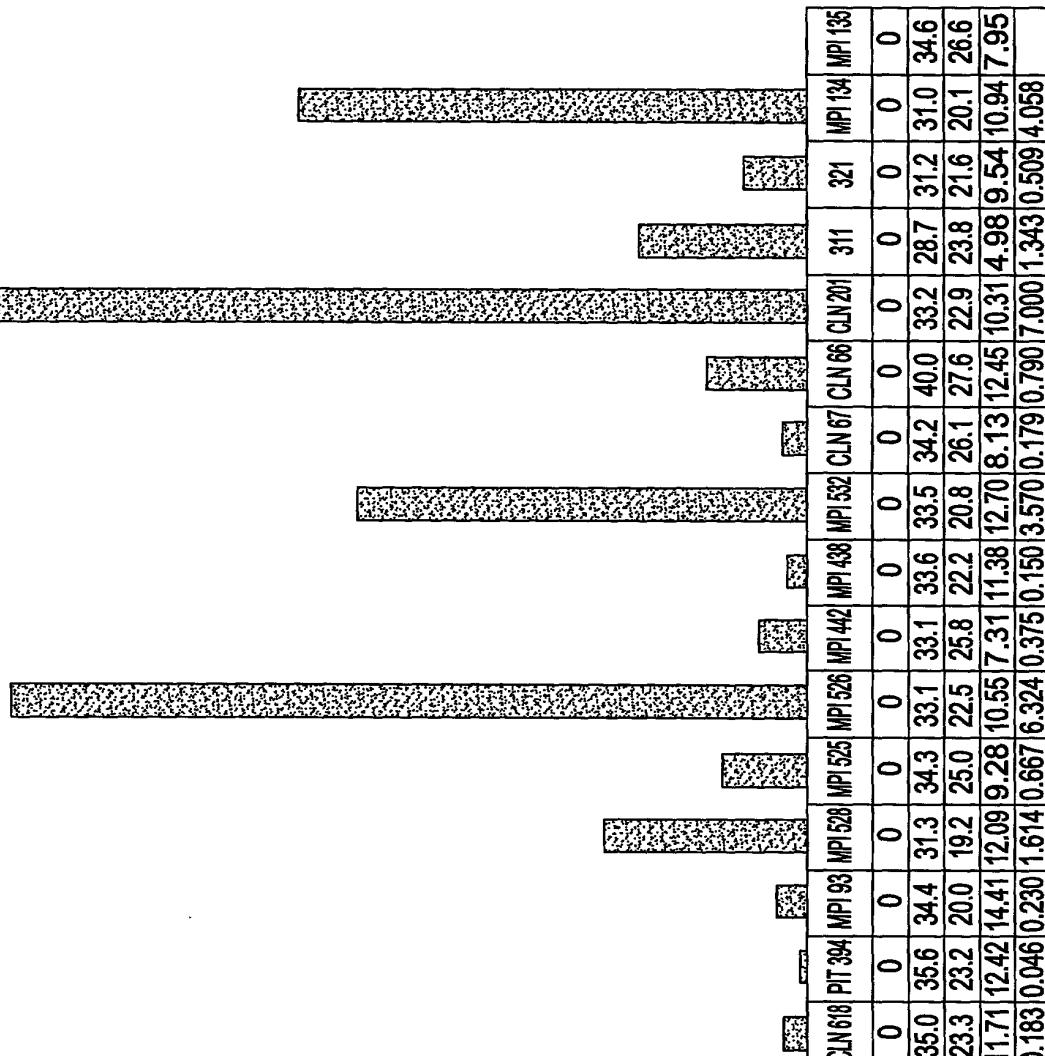
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COUPLED RECEPTORS
Inventor(s): Glucksmann et al.
Application No: 09/781,880
Atty Dkt No: 35800/208932 (5800-206)

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FROM FIG. 16A.

FIG. 16B.

